



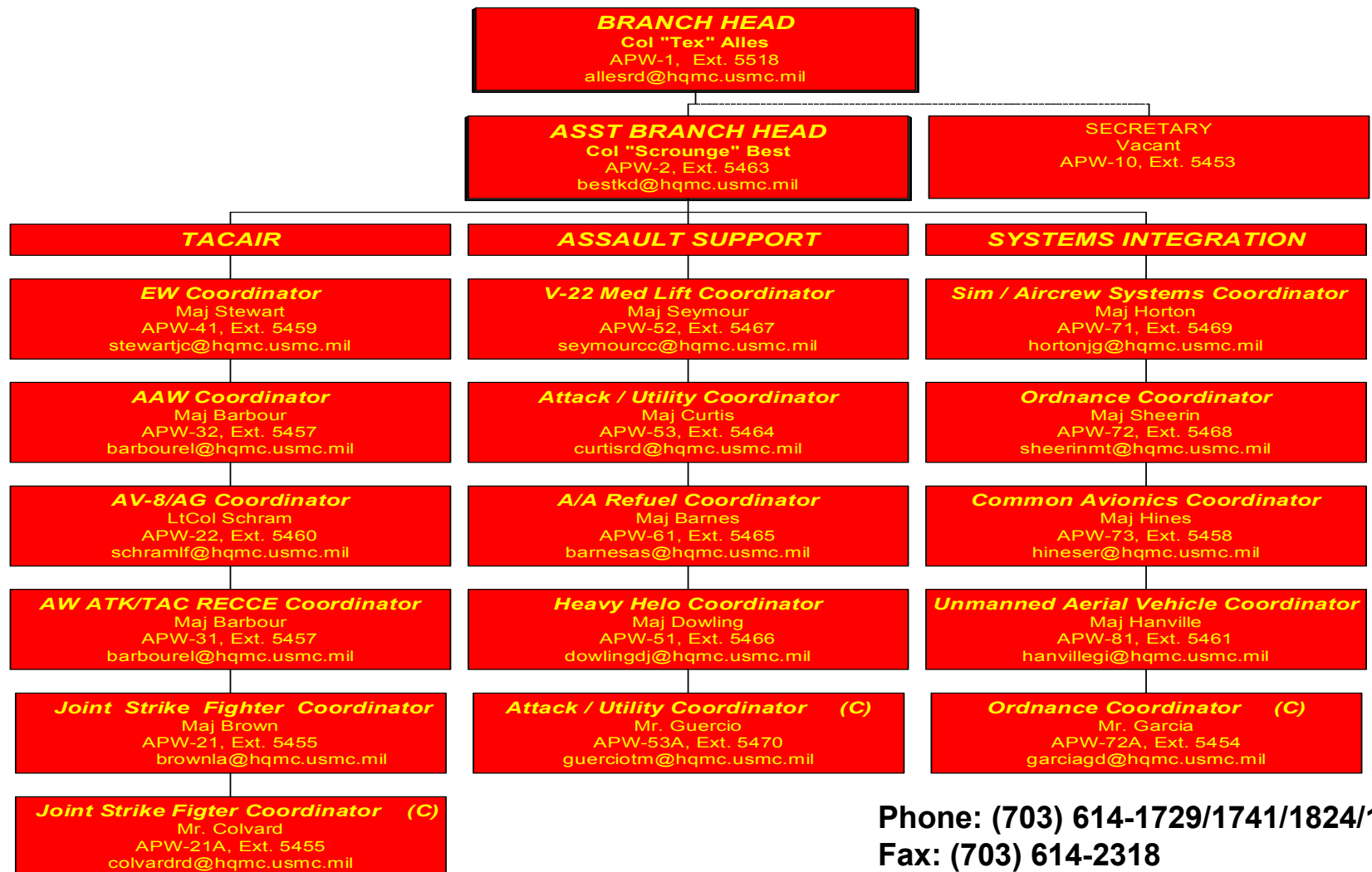
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# **Aviation Weapons Systems Requirements Branch (APW)**

**Major Reese Hines  
APW-73**



# Who we are





# Marine Aviation's Role



*Operational Flexibility* for  
Expeditionary Maneuver Warfare



# WHAT WE DO?



Provide Counsel to DC Aviation on all matters pertaining to the acquisition of Aviation Weapons Systems.



Function as the link between the Requirements Process, the Budget Process, and the Development and Fielding Process for all Marine Aviation Programs.



Through the guidance and direction of DC Aviation champion the requirements of USMC Fleet Aviation within the DON and to DOD Agencies, Congress, NGO's and the Media



# The Requirements Process

## **Where do we get Requirements from?**

- From the FMF through the UNS process
- Through the OAG's and Executive Working Groups such as the HARP/HAESC/HESC etc... . From MAWTS-1/HMX-1/VX-9
- APW generates requirements through our liaison with military and government funded research laboratories and our relationships with contractors. NRL/ONR/DARPA etc...



# The Requirements Process

## Categories

- New systems – V-22/C-130J/JSF/AH-1Z/UH-1Y
- Current systems capability upgrades – ECP-583  
Radars/FLIRs/
- Legacy platform sustainment – CH-46 ERIP/  
F/A-18 CBR



# The Requirements Process

- **Coordination**

- MCCDC
- DON
- NAVAIR/PMA
- Contractor
- OSD

- **Representation**

- DON
- OSD
- Congress
- DOD Agencies
- NGO's
- Media



# The Bottom Line

- Development and Fielding of quality products to the FMF
  - Our job is to ensure that the requirements that you have are turned into warfighting products that perform.





# The Challenge is Maintaining Readiness & Warfighting

Relevance



**Throughout the Transition from Legacy to Modern Platforms  
in support of Expeditionary Maneuver Warfare**





# What Change?

**Change Period: 2003-2015**

- TacAir Integration
- Legacy to Modern Transition
- MACCS Modernization
- AAV
- LW-155
- New Infantry Weapons

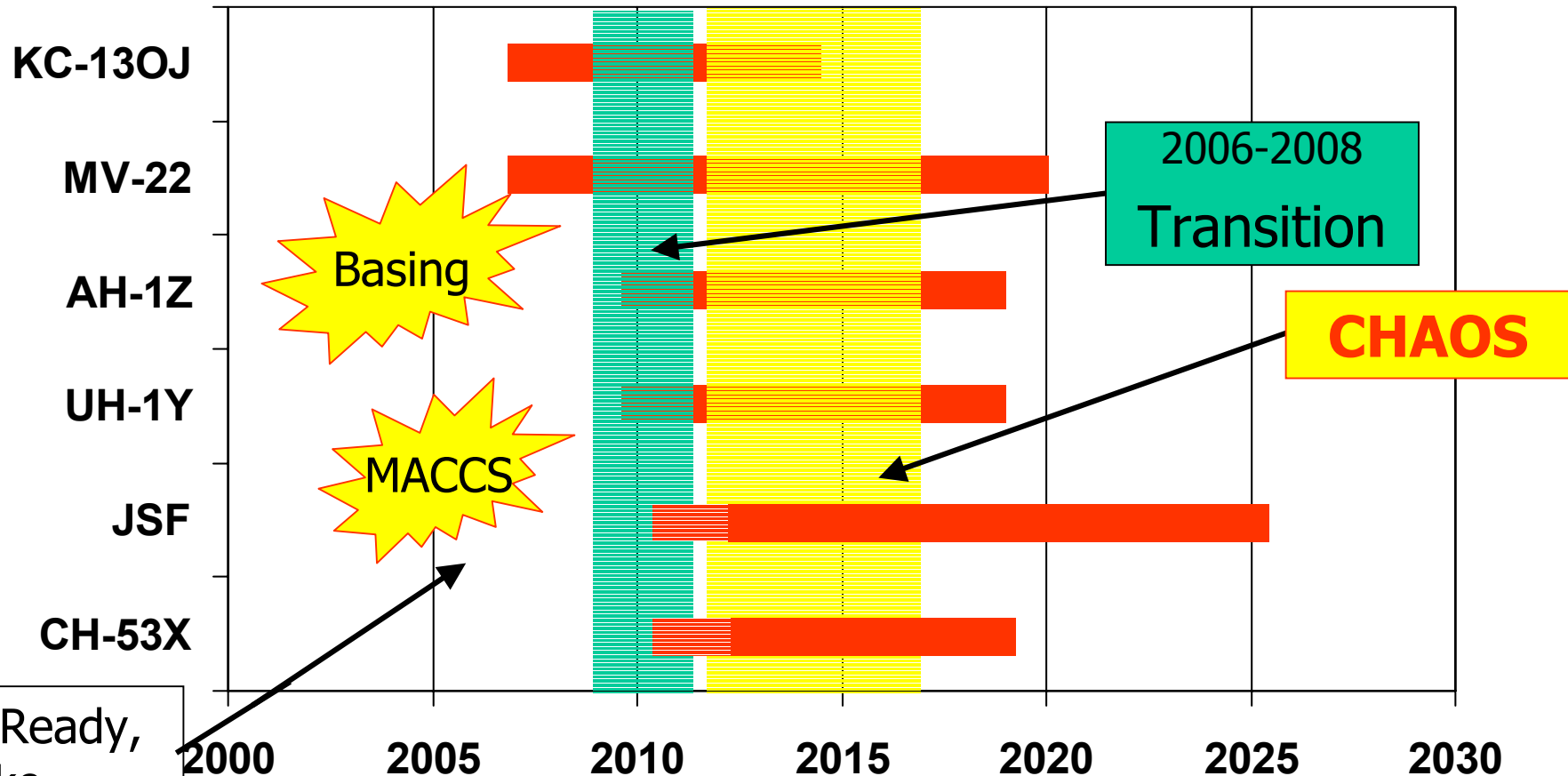
**How We Change will Dictate the Marine Corps' Future for the Next Half Century**



# Legacy to Modern Transition

## Chaos

**IOC to FOC**



Be Ready,  
Make  
Decisions



# The Way Ahead



- Execute TacAir Integration within Concept of Expeditionary Warfare & Maneuver from the Sea
- Transition from Legacy to Modern Aircraft (STOVL Force)
- Integration of All Naval Aircraft with Naval C4I

